

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 11972 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jun 30 2012

See axaff11972N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.065305486858

## Comments

Gain and CTI correction are not well calibrated on CCD\_ID 5 (ACIS-S1). Default order sorting can clip some regions, particularly longward of 30A (first order). User-specified custom processing parameters may be required in `tg_resolve_events` (`osipfile=none`, `osort_lo`, `osort_hi ~0.5`) though this can allow more zeroth order background at short wavelengths.

seq_num	790221	Sequence number
obs_id	11972	Observation id
title	AO-11 Calibration Observations of Mkn421	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	MKN421	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.113333	Observer's specified target RA [deg]
dec_targ	38.208806	Observer's specified target Dec [deg]
ra_nom	166.11603853063	Nominal RA [deg]
dec_nom	38.229758052889	Nominal Dec [deg]
roll_nom	271.368258761	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20065.305477202	Sum of GTIs [s]
livetime	18954.056237236	Livetime [s]
ontime4	20065.346517205	Sum of GTIs [s]
ontime5	20065.264437199	Sum of GTIs [s]
ontime6	20065.223397195	Sum of GTIs [s]
ontime7	20065.305477202	Sum of GTIs [s]
ontime8	20065.182357192	Sum of GTIs [s]
ontime9	20065.141317189	Sum of GTIs [s]
l2events	111719	Number of level 2 events

